

Declaration and Power of Attorney

JANNIS

We, Dean Engelhardt, Elazar Rabbani, Stanley Kline, ~~Jane~~ G. Stavrianopoulos and Dollie Kirtikar declare that we are respectively citizens of the United States of America, residing at 173 Riverside Drive, New York, New York 10024; 69 Fifth Avenue, New York, New York 10003; 235 Lincoln Place, Brooklyn, New York 11217; 515 West 59 Street, New York, New York 10019; and 42-72 80 Street, Elmhurst, New York 11373, respectively,

that we have read the specification entitled:

MODIFIED NUCLEOTIDES, METHODS OF PREPARING AND UTILIZING
AND COMPOSITIONS CONTAINING THE SAME

and the claims thereof; that we understand the content of the foregoing specification, and we verily believe we are the original, first and joint inventors of the invention described and claimed therein; that we do not know and do not believe that this invention was ever known or used in the United States before our invention thereof, or patented or described in any printed publication in any country before our invention thereof, or more than one year prior to this application, or in public use or on sale in the United States more than one year prior to this application; that this invention has not been patented or made the subject of an inventor's certificate in any country foreign to the United States on an application filed by us or our legal representatives or assigns more than twelve months before this application; and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States by us or our representatives or assigns, except as follows:

N O N E

We further declare that we acknowledge our duty to disclose information of which we are aware which is material to the examination of this application.

And we hereby appoint: individually and collectively, Thomas F. Moran, Reg. No. 16,579; Lester W. Clark, Reg. No. 14,954; Christopher C. Dunham, Reg. No. 22,031; Ivan S. Kavrukov, Reg. No. 25,161; John P. White, Reg. No. 28,678; and Mary-Ellen M. Timbers, Reg. No. 27,928, each of them of 30 Rockefeller Plaza, New York, New York 10112, (Tel. 212-977-9550), our attorneys, each with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith and to file any International Applications which are based thereon under the provisions of the Patent Cooperation Treaty.

Lastly, we declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Inventor's full name Dean Engelhardt
(Signature)

Dean Engelhardt

Date June 22, 1982

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Inventor's full name Elazar Rabbani
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Date June 22nd 1982

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Dean L. Engelhardt, et al. Parent Application
Attorney Docket No: Enz-5 (Div. 6) Art Unit: 123
Filed : Herewith Examiner:
For : Modified Nucleotides, Methods Of Preparing
And Utilizing And Compositions Containing
The Same

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

POWER OF ATTORNEY

Dear Sir:

Enzo Biochem, Inc., a corporation of the State of New York, having its principal place of business at 345 Hudson Street, New York, New York 10014, the owner of the entire right, title and interest in and to the above-identified application and the invention disclosed and/or claimed therein, hereby revokes any and all powers of attorney previously granted herein and appoints as principal attorney, Serle I. Mosoff (Reg. No. 25,900) with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, to transact all business in the Patent and Trademark Office connected therewith and to file any International Applications which are based thereon under the provisions of the Patent Cooperation Treaty.

Enzo Biochem, Inc. hereby appoints as associate attorneys in the above identified application Elaine P. Brenner (Reg. No. 29,517) and Ronald C. Fedus (Reg. No. 32,567).

Please address all communications to:

Serle I. Mosoff, Corporate Counsel
Enzo Biochem, Inc.
345 Hudson Street
New York, New York 10014

and direct all telephone calls regarding this application to Serle I. Mosoff at telephone no. (212) 337-3355.

Enzo Biochem, Inc.

EXPRESS MAIL CERTIFICATE	
"Express Mail" Label No.:	NB 260 244 655
Deposit Date	May 31, 1990
I hereby certify that this paper and the attachments herein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.80 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington DC 20231.	
Serle I. Mosoff Reg. No. 25,900	31 May 1990 Date

Norman Kelker May 31, 1990
Norman Kelker, Ph.D. Date
Senior Vice President